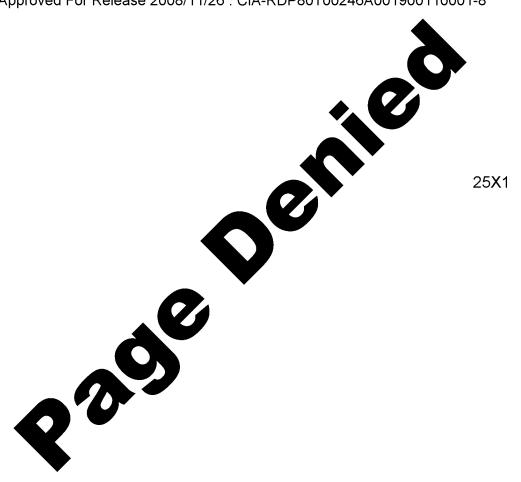
Approved For Release 2008/11/26 : CIA-RDP80T00246A001900110001-8



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COUNTRY	Hungary	DATE DISTRIBUTED	25)
	Design of a Lock to be Built in a Canal Near Tiszafured	22 August 1957 NO. OF PAGES NO. OF ENCLS. 2 SUPPLEMENT TO REPORT #	
			25X
	THIS IS UNEVALUATED INFORMA	ATION	25X
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		To Josh	
	to be built in 1957 in a canal in the vicinity of		25X
	was to be enlarged waterway. The lock was to accommodate 800-ton be and was to be 20 to 30 meters in length, three members in width. There were two gates, one front	eters in depth, and six to eight	
	design for the lock served as a prototype.		25X
ODED	specifications for the machinery (four the two pressure points where was to be connected.	r independent motors on each side) here the shaft of the machinery	
	Ensigned for reinforced concrete 200 kilograms mixture of concrete was 36 (gravel): 24(sand): 12 portland with a special chemical analysis. The stion consisted of sand and clay, and the design! Wooden forms were to be built at the site and leipoured. No caissons were laid during the excavations	2(cement), and the cement was soil in the area under considera- nad to meet these local conditions ft there after the cement had been	25X1
	Parrier no company note your date and one overland.		
	TION STATE ARMY NAG-O-N-F-T-RED-B-N-T-T-I	A-L	

		25X1
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	- 2 -	
3.	The concrete reinforcing bars were designed for a double purpose:	
	a. When the lock was empty, the essure was from the outside.	25X1
	b. When the lock was full, the pressure was from the inside.	
	The reinforcing bars were of the following specifications:	
	a. Vertical (inside) - 8 mm	
	b. Vertical (outside) - 8 mm	
	c. Two horizontal 12 mm-crossbars (one at the top, one at the bottom) were special every 20 cm in the middle. Then the distance was graduated until the pars were spaced 25 cm apart below the two vertical side walls. In addition, two vertical 12mm-bars were placed every 25 cm c/c.	
		25X1

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